<u>AMENDMENTS TO THE CLAIMS</u>

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for generating a document relating to a patient's medical diagnosis, comprising:

employing a processor to execute computer executable instructions stored on a computer readable storage medium to implement the following acts:

establishing one or more diagnostic codes, <u>wherein</u> each <u>diagnostic code</u> <u>identifies</u> ~~identifying~~ a medical condition;

~~associating~~ <u>storing</u> one or more concepts ~~for~~ <u>associated with</u> each diagnostic code<u>, wherein each concept</u> ~~that~~ represents <u>a different definition for</u> the ~~associated~~ medical condition <u>identified by the corresponding diagnostic code</u> ~~in different terms~~;

~~associating~~ <u>storing</u> one or more contexts ~~for~~ <u>associated with</u> each diagnostic code<u>, wherein</u> each context ~~representing~~ <u>represents corresponding</u> contextual information ~~deemed relevant to~~ <u>for</u> the medical condition identified by the <u>corresponding diagnostic</u> code;

generating a set of queries for each of the one or more diagnostic codes using <u>at least one of</u> ~~one or more combinations of the medical condition,~~ a subset of the one or more <u>stored</u> concepts<u>,</u> ~~and~~ <u>or</u> a subset of the one or more <u>stored</u> contexts as search criteria;

submitting the set of queries to one or more databases;

retrieving ~~and storing~~ a list of links to content in the one or more databases that ~~satisfies~~ <u>satisfy</u> the <u>search</u> criteria<u>, the retrieved list of links stored in a memory</u> <u>component</u> ~~specified in the queries~~;

associating each link in the list with the diagnostic code and context used in the query that retrieved the respective link;

receiving information about a patient ~~utilizing a computer~~, the information about the patient including diagnosis information based on a diagnosis of the patient ~~performed by a health care provider~~;

matching the information about the patient to at least one <u>matching</u> diagnostic code and at least one context associated with the <u>at least one</u> matching diagnostic code;

<u>pre-</u>selecting a subset of the links associated with the at least one matching diagnostic code and the at least one matching context<u>, the subset of links automatically pre-selected from the retrieved list of links independent of a query provided by a user for the subset of links</u>; and

generating at least one <u>new</u> document ~~utilizing the computer~~, <u>wherein</u> the at least one <u>new</u> document ~~containing~~ <u>comprises</u> the <u>pre-</u>selected subset of links and ~~the received~~ <u>at least a portion of the</u> information <u>received</u> about the patient.

2.   (Currently Amended) The method of claim 1 wherein the diagnosis information comprises at least one diagnosis code, <u>wherein</u> each diagnosis code ~~indicating~~ <u>indicates</u> a condition of the patient based on the diagnosis.

3.   (Previously Presented) The method of claim 2 wherein the at least one diagnosis code comprises codes according to the International Classification of Disease (ICD).

4.   (Currently Amended) The method of claim 3 wherein the diagnosis information comprises at least one description describing the condition of the patient based on the diagnosis ~~performed by the health care provider~~.

5.   (Original) The method of claim 1 wherein the information about the patient further comprises information selected from the group consisting of the patient's personal information, prescription information, laboratory information, procedures information, materials and supplies information and injection information.

6.   (Currently Amended) The method of claim 1 wherein each link comprises an address corresponding to a location <u>of</u> ~~where~~ data relevant to the diagnostic code and

context used in the query that retrieved the link ~~resides~~.

7.   (Previously Presented) The method of claim 6 wherein the address comprises a
Uniform Resource Locator (URL).

8-9.   (Canceled)

10.   (Previously Presented) The method of claim 1 wherein generating the set of queries
comprises:
        constructing a set of queries based on the information received.

11.   (Previously Presented) The method of claim 10 wherein constructing comprises:
        determining at least one diagnosis identifier from the information received.

12.   (Currently Amended) The method of claim 11 wherein the at least one diagnosis
identifier corresponds to ~~one of the~~ a diagnosis code[[s]], and wherein the links associated
with the corresponding diagnosis code are selected for inclusion in the subset of links
~~based on the correspondence~~.

13.   (Previously Presented) The method of claim 11 wherein the at least one
diagnosis identifier corresponds to a diagnosis description.

14.   (Previously Presented) The method of claim 11 wherein the at least one
diagnosis identifier is included in the diagnosis information received.

15.   (Previously Presented) The method of claim 11 wherein the at least one
diagnosis identifier is derived from the diagnosis information received.

16.   (Currently Amended) The method of claim 11 further comprising:
        determining additional diagnosis identifiers that are equivalent to the one or more
diagnosis identifiers ~~included in the diagnosis information received~~;

matching the additional diagnosis identifiers with one of the concepts;

selecting the links associated with the diagnostic code for the matching concept for inclusion in the subset of links.

17.   (Previously Presented) The method of claim 1 further comprising:

allowing the patient to access the at least one document via a computer network.

18.   (Currently Amended) The method of claim 17 further comprising:

allowing the patient to provide feedback or comments with respect to the information contained comprised in the at least one document.

19.   (Original) The method of claim 18 wherein the computer network is selected from the group consisting of a local area network, a wide area network, and the Internet.

20-37. (Canceled)

38.   (Currently Amended) A system comprising:

a first database that stores a set of diagnostic codes representing medical conditions, each code having stored therewith at least one conceptual equivalency and at least one context relevant to the medical condition, wherein each diagnostic code is associated with a set of queries constructed using at least one or more combinations of the medical condition, one of the at least one stored conceptual equivalency or equivalencies, and one of the at least one stored context[[s]] as search criteria, and wherein the first database retrieves and stores a set of links to content in external data sources that satisfies the set of queries, each link associated with the diagnostic code and context that facilitated retrieval of the respective link; and

a first server that receives information about a patient from at least one source, the information about the patient including at least one diagnostic code and a patient-specific context, the first server matches the received diagnostic code and patient-specific context with at least one stored diagnostic code and related context and retrieves pre-selects from the first database a subset of the links associated with the at least one matching diagnostic code and related context, wherein the subset of links are automatically pre-selected from the stored list of links

independent of a query provided by a user for the subset of links, the first server generating at least one new document containing comprising the retrieved pre-selected subset of links and at least a portion of the information about the patient.

39.   (Currently Amended) The system of claim 38 wherein the at least one new document generated is stored in a second database.

40.   (Currently Amended) The system of claim 38 wherein the at least one new document is made accessible to the patient via a computer network.

41.   (Original) The system of claim 38 wherein the computer network is the Internet.

42.   (Currently Amended) The system of claim 38, wherein the first server includes a machine-readable medium comprising instructions that, when executed by a machine, cause the machine to perform operations, the instructions comprising to comprise:

        logic to receive the information about the patient from the at least one source;

        logic to generate a the set of queries based on the at least one definition that corresponds to the at least one code received; and

        logic to execute the set of queries to retrieve from the first database the subset of content links that correspond[[s]] to the set of queries.

43.   (Cancelled)

44.   (Previously Presented) The system of claim 38 wherein the set of queries is used to search at least one database on the World Wide Web to identify a potential list of content links.

45.   (Previously Presented) The system of claim 44 wherein the potential list of content links is used to select the content links that are stored in the first database.

46.   (Currently Amended) A ~~machine~~ computer-readable storage medium comprising instructions that, when executed by a ~~machine~~ computer, cause the ~~machine~~ computer to perform operations comprising:

storing a set of diagnostic codes representing medical conditions, each diagnostic code having an associated code definition, one or more conceptual equivalencies, and one or more contexts relevant to the medical condition;

generating and storing at least one query for each stored diagnostic code utilizing as search criteria ~~a combination of the~~ at least one of the ~~associated~~ one or more stored conceptual equivalencies ~~and~~ or the at least one or more stored contexts;

retrieving and storing a list of data source links from one or more external data sources that satisfy the ~~query~~ search criteria;

associating each retrieved data source link with the at least one or more stored contexts and the stored diagnostic code used to generate the query that retrieved the link;

receiving information about a patient, the information about the patient including diagnosis information and at least one patient-specific context based on a diagnosis of the patient ~~performed by a health care provider~~;

upon receiving the information about the patient, performing a query function to ~~retrieve~~ pre-select from a database a subset of the data source links associated with ~~the~~ a stored diagnostic code[[s]] and at least one or more stored contexts matching the received information about the patient, the subset of data source links automatically pre-selected from the stored list of data source links independent of a query provided by a user for the subset of data source links, the ~~machine~~ computer being operable to:

~~frame~~ select a set of queries ~~containing query~~ comprising search criteria based on the received information about the patient, the set of queries selected from the stored queries associated with at least one stored diagnostic code and at least one or more stored contexts that correspond to the received information about the patient;

automatically execute the ~~framed~~ selected set of queries to retrieve the ~~list~~ subset of data source links ~~satisfying the query criteria~~; and

generating at least one new document comprising the ~~list~~ subset of data source links ~~retrieved~~ pre-selected from the database.

47.   (Currently Amended) The ~~machine~~ computer-readable storage medium of claim 46 wherein the diagnosis information comprises at least one diagnosis code, each diagnosis code indicating a condition of the patient based on the diagnosis.

48   (Currently Amended) The ~~machine~~ computer-readable storage medium of claim 46 wherein the diagnosis information comprises at least one description describing ~~the patient's~~ a medical condition[[s]] of the patient ~~or problems~~ based on the diagnosis ~~performed by the health care provider~~.

49-56. (Canceled)

57.   (Previously Presented) The method of claim 13 wherein the diagnosis description describes an agent that is causally related to the diagnosis information.

58.   (Previously Presented) The method of claim 1 wherein the contextual information includes at least one of a weight, an age and a sex.

59.   (Currently Amended) The method of claim 1 wherein the at least one new document includes a list of data sources associated with a parent diagnosis code when a list of data sources associated with a child diagnosis code cannot be identified, wherein the parent diagnosis code is included in a first classification in a hierarchy of diagnosis code classifications that includes a second classification that includes the diagnosis code.

60.   (Currently Amended) A ~~system~~ computer-readable storage medium comprising:
       computer-readable instructions, the computer-readable instructions including instructions that when executed by at least one processor cause the at least one processor to perform the following acts:
       ~~means to~~ establishing one or more diagnostic codes, wherein each diagnostic code identifies ~~identifying~~ a medical condition;

~~means to associate~~ storing one or more concepts ~~for~~ associated with each diagnostic code, wherein each concept ~~that~~ represents a different definition for the ~~associated~~ medical condition identified by the corresponding diagnostic code ~~in different terms~~;

~~means to associate~~ storing one or more contexts ~~for~~ associated with each diagnostic code, wherein each context ~~representing~~ represents a corresponding contextual information ~~deemed relevant to~~ for the medical condition identified by the corresponding diagnostic code;

~~means to generate~~ generating a set of queries for each of the one or more diagnostic codes using at least one of ~~one or more combinations of the medical condition,~~ a subset of the one or more stored concepts~~, and~~ or a subset of the one or more stored contexts as search criteria;

~~means to~~ submitting the set of queries to one or more databases;

~~means to retrieve~~ retrieving a list of links to content in the one or more databases that ~~satisfies~~ satisfy the search criteria, the retrieved list of links stored in a memory component ~~specified in the queries~~;

~~means to associate~~ associating each link in the list with the diagnostic code and context used in the query that retrieved the respective link;

~~means to receive~~ receiving information about a patient, wherein the information about the patient comprises diagnosis information based on a diagnosis of the patient ~~performed by a health care provider~~;

~~means to~~ matching the information about the patient to at least one matching diagnostic code and at least one context associated with the at least one matching diagnostic code;

~~means to select~~ pre-selecting a subset of the links associated with the at least one matching diagnostic code and the ~~associated~~ at least one matching context, the subset of links automatically pre-selected from the retrieved list of links independent of a query provided by a user for the subset of links; and

~~means to generate~~ generating at least one new document, wherein the at least one new document ~~containing~~ comprises the pre-selected subset of links and ~~the received~~ at least a portion of the information received about the patient.